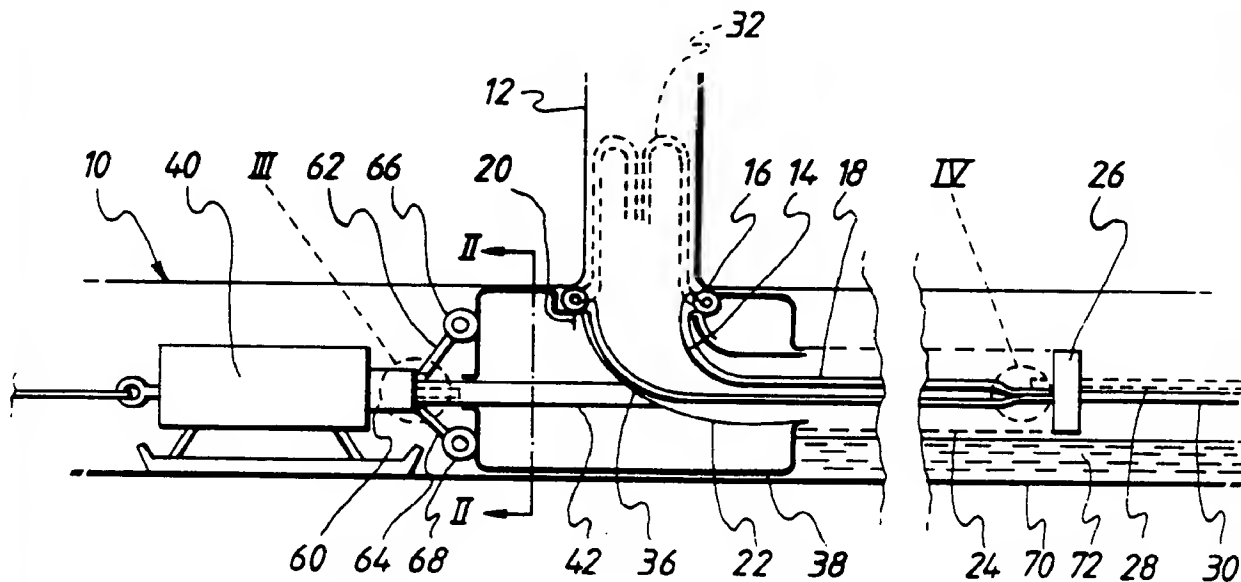


## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>5</sup> :</b>  <b>F16L 55/16, 55/165</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 91/16568</b>  <b>(43) International Publication Date:</b> 31 October 1991 (31.10.91)
<b>(21) International Application Number:</b> PCT/GB91/00628 <b>(22) International Filing Date:</b> 22 April 1991 (22.04.91) <b>(30) Priority data:</b> 9009073.9                      23 April 1990 (23.04.90)                      GB <b>(71) Applicant (for all designated States except US):</b> INSITU-FORM GROUP LIMITED [GB/GB]; 3/4 Hill Street, Douglas, Isle of Man (GB). <b>(72) Inventor; and</b> <b>(75) Inventor/Applicant (for US only) :</b> WOOD, Eric [GB/GB]; Witch's Mill, Arbory Road, Castletown, Isle of Man (GB). <b>(74) Agent:</b> DENMARK, James; Bailey Walsh & Co., 5 York Place, Leeds LS1 2SD (GB).		<b>(81) Designated States:</b> AT (European patent), AU, BE (European patent), CA, CH (European patent), DE (European patent), DK (European patent), ES (European patent), FI, FR (European patent), GB (European patent), GR (European patent), HU, IT (European patent), JP, KR, LU (European patent), NL (European patent), NO, SE (European patent), SU, US.  <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>

**(54) Title:** IMPROVEMENTS RELATING TO THE LINING OF PIPELINES OR PASSAGEWAYS



**(57) Abstract**

The lining of a lateral pipe (12) which leads into a main pipe (10) is effected by everting a resin impregnated tubular lining (14) through an elbow (22) in the main pipe. Eversion is by means of fluid under pressure supplied through a pressure pipe (28). The elbow is held in position by an inflatable bag (38) which is inflated by the said fluid, and the bag also seals the lateral/main pipe junction. The bag is such that at least one additional pressure pipe may extend past the seal arrangement so that at the same time as the first mentioned lateral lining is curing, a second lateral may be similarly lined.